

CLASSIFIED MESSAGE

SECRET

NPIC REGISTRY

FILE INFO

(When Filled In)

REPRODUCTION PROHIBITED

Oct 14 5 12 PM '71

ACTION <i>PI</i>	1	<i>FILE</i>	6		11		16
	2	<i>OLD</i>	7		12		17
<i>TSG/ABD</i>	3	<i>TSG/ABD</i>	8		13		18
	4	<i>TEK/MSB</i>	9		14		19
	5				15		20

25X1

OUT 73232

S E C R E T 142038Z OCT 71 CITE 1834.

25X1
25X1

SUBJECT: EVALUATION OF OLD HEAD MSN G-290B, 9 OCTOBER 71.

1. IMAGE QUALITY: OVERALL QUALITY AND INTERPRETATION SUITABILITY

FOR CLOUD-FREE PHOTOGRAPHY IS FAIR. THIS FAIR RATING IS DUE TO THE EXCESSIVE AMOUNT OF HAZE, ESPECIALLY OVER THE SECOND HALF OF THE MISSION, WHICH REDUCED THE CONTRAST OF THE IMAGERY. EDGE SHARPNESS IS MAINTAINED UP TO 25X. CLOUDS OBSCURE APPROXIMATELY 20 PCT OF THE MISSION.

2. MSN DATA:

- A. MSN: G290B; DATE: 9 OCT 71
- B. CAM: IRIS II, UNIT: 8011
- C. A/C: 330
- D. CAM MODE: STEREO
- E. VEHICLE T/O: 1040 CAM/ON: 1237Z
- F. FILM: 3414
- G. DEVELOPER: 16 DN, PROCESS FAC: NRTSC
- H. AVG GAMMA ORIG. NEG: 2.26
- I. AVG AEI SPEED ORIG. NEG. 4.51
- J. EXPOSURE SLIT: 0.065
- K. FILTER: W-2

3. ORIG. NEG:

- A. EXPOSURE: GOOD TO SLIGHTLY OVEREXPOSED.
- B. DENSITY: MEDIUM; CONTRAST: MEDIUM WHERE PROPERLY EXPOSED: LOW TO MEDIUM WHERE IMAGERY AFFECTED BY HAZE.
- C. IMAGED DEGRADATIONS: FINE LOGITUDINAL SCRATCHES NEAR CENTER FORMAT OCCUR THROUGHOUT. CHARACTERISTIC J-FOG PATTERN IS MORE PRONOUNCED THAN ON PREVIOUS MISSIONS.
- D. PHYSICAL DEGRADATIONS: MINOR PIN HOLES AND EMULSION PICKS ARE PRESENT ON A FEW FRAMES. MINOR ROLLER MARKS ARE PRESENT INTERMITTENTLY BUT DO NOT DEGRADE IMAGE QUALITY.
- E. DATA RECORD EQUIP: FUNCTIONED PROPERLY THROUGHOUT.
- F. OTHER: LAST TITLED FRAME: 1272, COUNTER: 1277, BIAS CONSTANT THROUGHOUT.

4. POSITIVES: FAIR FOR INTERPRETATION PURPOSES. HAZE IS THE LARGEST SINGLE FACTOR AFFECTING INTERPRETATION.

5. REMARKS: OVERLAP BETWEEN SUCESSIVE FWD AND AFT FRS IS 10 TO 30 PCT. STEREO OVERLAP IS 75 TO 100 PCT. AVERAGE ELAPSED TIME BETWEEN EXPOSURES IS 9.06 SECONDS. V/H IS BETWEEN 8.9 AND 9.5. WRITE-IN DATA IN DATA CHAMBER IS NOT READABLE. FILM LOADED FIVE DAYS BEFORE MISSION MAY HAVE HAD SOME MINOR AFFECT ON IMAGE QUALITY.

S E C R E T